

1/8
concl
LPIX-15 (SEQ ID NO:17), LPIX-16 (SEQ ID NO:18), LPIX-17 (SEQ ID NO:19), LPIX-18 (SEQ ID NO:20), LPIX-19 (SEQ ID NO:21), LPIX-20 (SEQ ID NO:22), LPIX-21 (SEQ ID NO:23), LPIX-22 (SEQ ID NO:24), LPIX-23 (SEQ ID NO:25), LPIX-24 (SEQ ID NO:26), LPIX-26 (SEQ ID NO:28), and LPIX-27 (SEQ ID NO:29).

29. (Amended) A composition comprising a pharmaceutically acceptable carrier or diluent and at least two peptides, each peptide comprising at least one T cell epitope, wherein at least one peptide comprises an amino acid sequence or portion thereof derived from *Lol p V* which is selected from the group consisting of: LPIX-1 (SEQ ID NO:3), LPIX-1.1 (SEQ ID NO:59), LPIX-2 (SEQ ID NO:4), LPIX-2.1 (SEQ ID NO:60), LPIX-3 (SEQ ID NO:5), LPIX-4 (SEQ ID NO:6), LPIX-5 (SEQ ID NO:7), LPIX-6 (SEQ ID NO:8), LPIX-7 (SEQ ID NO:9), LPIX-8 (SEQ ID NO:10), LPIX-9 (SEQ ID NO:11), LPIX-10 (SEQ ID NO:12), LPIX-11 (SEQ ID NO:13), LPIX-12 (SEQ ID NO:14), LPIX-13 (SEQ ID NO:15), LPIX-14 (SEQ ID NO:16), LPIX-15 (SEQ ID NO:17), LPIX-16 (SEQ ID NO:18), LPIX-17 (SEQ ID NO:19), LPIX-18 (SEQ ID NO:20), LPIX-19 (SEQ ID NO:21), LPIX-20 (SEQ ID NO:22), LPIX-21 (SEQ ID NO:23), LPIX-22 (SEQ ID NO:24), LPIX-23 (SEQ ID NO:25), LPIX-24 (SEQ ID NO:26), LPIX-26 (SEQ ID NO:28), and LPIX-27 (SEQ ID NO:29) (as shown in Fig. 2), and wherein at least one peptide comprises an amino acid sequence or portion thereof derived from *Lol p I* which is selected from the group consisting of: LPI-1 (SEQ ID NO:30), LPI-1.1 (SEQ ID NO:31), LPI-2 (SEQ ID NO:32), LPI-3 (SEQ ID NO:55), LPI-4 (SEQ ID NO:33), LPI-4.1 (SEQ. ID NO:34), LPI-5 (SEQ ID NO:35), LPI-6 (SEQ ID NO:36), LPI-7 (SEQ ID NO:37), LPI-8 (SEQ ID NO:38), LPI-9 (SEQ ID NO:39), LPI-10 (SEQ ID NO:40), LPI-11 (SEQ ID NO:41), LPI-12 (SEQ ID NO:42), LPI-13 (SEQ ID NO:43), LPI-14 (SEQ ID NO:44), LPI-15 (SEQ ID NO:45), LPI-16 (SEQ ID NO:46), LPI-16.1 (SEQ ID NO:47), LPI-17 (SEQ ID NO:48), LPI-18 (SEQ ID NO:49), LPI-19 (SEQ ID NO:50), LPI-20 (SEQ ID NO:56), LPI-21 (SEQ ID NO:51), LPI-22 (SEQ ID NO:52), and LPI-23 (SEQ ID NO:53) (as shown in Fig. 3).

42. (Amended) All or a portion of an isolated peptide of *Lol p I*, said peptide or portion thereof comprising at least one T cell epitope of said protein allergen, said peptide having the formula X_n-Y-Z_m , wherein Y is an amino acid sequence selected from the group consisting of: LPIX-1 (SEQ ID NO:3), LPIX-1.1 (SEQ ID NO:59), LPIX-2 (SEQ ID NO:4), LPIX-2.1 (SEQ ID NO:60), LPIX-3 (SEQ ID NO:5), LPIX-4 (SEQ ID NO:6), LPIX-5 (SEQ ID NO:7), LPIX-6 (SEQ ID NO:8), LPIX-7 (SEQ ID NO:9), LPIX-8 (SEQ ID NO:10), LPIX-9 (SEQ ID NO:11), LPIX-10 (SEQ ID NO:12), LPIX-11 (SEQ ID NO:13), LPIX-12 (SEQ ID NO:14), LPIX-13 (SEQ ID NO:15), LPIX-14 (SEQ ID NO:16), LPIX-15

(SEQ ID NO:17), LPIX-16 (SEQ ID NO:18), LPIX-17 (SEQ ID NO:19), LPIX-18 (SEQ ID NO:20), LPIX-19 (SEQ ID NO:21), LPIX-20 (SEQ ID NO:22), LPIX-21 (SEQ ID NO:23), LPIX-22 (SEQ ID NO:24), LPIX-23 (SEQ ID NO:25), LPIX-24 (SEQ ID NO:26), LPIX-26 (SEQ ID NO:28), and LPIX-27 (SEQ ID NO:29) wherein X_n are amino acid residues

contiguous to the amino terminus of Y in the amino acid sequence of said protein allergen, wherein Z_m are amino acid residues contiguous to the carboxy terminus of Y in the amino acid sequence of said protein allergen, wherein n is 0-30 and wherein m is 0-30.

410
Coral